

WHAT IS CLAIMED IS:

1. A component feeding apparatus for feeding electronic components to a pick-up position by intermittently forwarding a storage tape storing the electronic components therein by a forwarding pitch that is adjustable, comprising:
5 a sprocket supported rotatably around a rotation axis and intermittently forwarding the storage tape;
a forwarding gear supported rotatably around the rotation axis;
a forwarding lever supported rotatably; and
10 a first forwarding pawl and a second forwarding pawl which are attached to the forwarding lever,
wherein the first and second forwarding pawls are configured to engage with the forward gear alternatively upon a rotational movement of the forwarding lever in a predetermined direction so that each of the rotational movements of the forwarding lever
15 generates a rotation of the forward gear by a half tooth pitch.

2. The component feeding apparatus of claim 1, wherein the rotation of the forward gear by a half tooth pitch corresponds to a forwarding pitch of the storage tape, and two rotations of the forward gear by a half tooth pitch correspond to another
20 forwarding pitch of the storage tape.

3. The component feeding apparatus of claim 1, wherein the forwarding lever is supported rotatably around the rotation axis.

25 4. A component feeding apparatus for feeding electronic components to a pick-up position by intermittently forwarding a storage tape storing the electronic components therein by a forwarding pitch that is adjustable, comprising:
a sprocket supported rotatably around a rotation axis and intermittently forwarding the storage tape;
30 a forwarding gear supported rotatably around the rotation axis;
a forwarding lever supported rotatably; and

a plurality of forwarding pawls attached to the forwarding lever,
wherein the forwarding pawls are configured to engage with the forward gear in
turn upon a rotational movement of the forwarding lever in a predetermined direction so
that each of the rotational movements of the forwarding lever generates a rotation of the
5 forward gear by a pitch of a tooth divided by a total number of the forwarding pawls.

5. The component feeding apparatus of claim 4, wherein the rotation of the
forward gear by said pitch of a tooth divided by a total number of the forwarding pawls
corresponds to a forwarding pitch of the adjustable forward pitches.
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6. The component feeding apparatus of claim 4, wherein the forwarding lever is
supported rotatably around the rotation axis.